



Brookley Industrial Complex  
1627 O'Donoghue Street  
Mobile, AL 36615  
Toll-free Phone (in US): 1-800-228-3877  
Phone (outside US): 1-770-475-3877  
Toll-free Fax (in US): 1-800-872-3764  
Fax (outside US): 1-770-410-1812  
www.SpillTech.com

# MATERIAL SAFETY DATA SHEET

## SpillTech® Epoxy Putty

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### 1. Product And Company Identification

**Product Identifier:** SpillTech® Epoxy Putty

**General Use:** SpillTech® Epoxy Putty sticks are used to make emergency patches and repairs of a wide variety of materials.

**Product Description:** A hand kneadable, fast curing, epoxy adhesive in stick form.

#### COMPANY PROFILE:

SpillTech

Brookley Industrial Complex

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Mobile, AL 36615

**Customer Service Telephone Number** (in US): 1-800-228-3877,  
(outside US): 1-770-475-3877

**Technical Information Telephone Number:** 1-251-694-0102

### 2. Composition/Information on Ingredients

<u>Components</u>	<u>wt. %</u>	<u>CAS Registry #</u>
Magnesium silicate hydrate	30-60	14807-96-6
Zinc Sulphide		1314-98-3
Glycidyl ethers of bisphenol A resins		25068-38-6
2,4,6-Tris(dimethylaminomethyl) phenol		90-72-2
	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Magnesium silicate hydrate	2 mg/m <sup>3</sup> *	2 mg/m <sup>3</sup> *
Zinc Sulphide	5 mg/m <sup>3</sup> **	3 mg/m <sup>3</sup> **

\* Respirable

\*\* As nuisance dust - Respirable

### 3. Hazards Identification

**PRIMARY ROUTES OF ENTRY:** Eye, Inhalation, Skin

#### POTENTIAL HEALTH EFFECTS:

**Eye Contact:** May cause eye irritation and act as a sensitizer

**Ingestion:** May cause irritation of intestinal tract

**Inhalation:** May cause respiratory discomfort in excessive concentrations

**Skin Contact:** May cause skin irritation and act as a sensitizer

### 4. First Aid Measures

**Eye Contact:** Flush with water for 15 minutes. Consult a physician.

**Ingestion:** Induce vomiting as directed by medical personnel.

**Inhalation:** Remove to fresh air.

**Skin Contact:** Wash with soap and water.

### 5. Fire Fighting Measures

**Flash Point:** Not applicable **Method:** Tag Open Cup

**Auto-ignition Temperature:** Not established

**Flammability Class:** IIIB

**Flammable Limits:** Not established

**Explosion Data – Sensitivity to:**

**Mechanical Impact:** Not applicable

**Static Discharge:** Not applicable

**Extinguishing Media:** Water spray, foam, carbon dioxide, dry chemicals.

**Special Fire Fighting Procedures:** None required

**Hazardous Combustion Products:** Carbon monoxide, aldehydes, acids, oxides of sulphur & nitrogen may be formed

**Unusual Hazards:** Not established

### 6. Accidental Release Measures

**Spill or Leak Procedures:** Shovel or sweep up material and place into a plastic or metal disposal container. Not a listed hazardous waste.

### 7. Handling and Storage

**Handling and Storage Precautions:** Avoid eye contact and excessive skin contact.

**Storage Temperature:** Best conditions are at room temperature, however freezing, humidity, and high temperatures will not affect performance of unused putty. If frozen, warm for a few minutes first for easier mixing.

**Storage Pressure:** Not applicable

**Shelf Life:** Several years in original tube with cap on

**General:** Wash with soap and water immediately after use. If sanding cured putty or substrates, wear eye protection. For prolonged handling, use polyethylene gloves. For prolonged exposure to sanding dust, wear a half face respirator with dust filters.

### 8. Exposure Controls/Personal Protection

**Engineering Controls:** General Ventilation - None required  
Local Exhaust - Only if heated above 38°C (100°F), or during prolonged sanding operations

#### PERSONAL PROTECTION

**Eyes:** Safety glasses when sanding

**Respirator:** Half face respirator with dust filters when sanding for prolonged periods of time

**Gloves:** Polyethylene gloves for prolonged use. **OR:** Wash with soap and water immediately after use. If sanding cured putty or substrates, wear eye protection and dust mask.

**Other:** None required



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### 9. Physical and Chemical Properties

**Appearance:** Putty, grey color after cure  
**Physical State:** Solid  
**Odour:** Mild sulphide odour  
**Odour Threshold:** Not applicable  
**Vapour Pressure:** -18°C (0.°F)  
**Vapour Density:** Non Volatile  
**Specific Gravity:** 1.95  
**Solubility in Water:** Insoluble  
**Coefficient of Water/Oil Distribution:** Not available  
**% Volatile:** <1%  
**pH:** Not applicable  
**Boiling Point:** Not applicable  
**Evaporation Rate:** 0.0 x n-Butyl Acetate  
**Freezing Point:** Not applicable

### 10. Stability and Reactivity

**General:** This is a stable material.  
**Conditions of Reactivity:** Not established.  
**Incompatible Materials and Conditions to Avoid:** Avoid incompatible materials. For compatibility guide, call 1-800-228-3877.  
**Hazardous Decomposition:** Not established  
**Hazardous Polymerization:** Will not occur

### 11. Toxicological Information

**LD50:** Not available for mixture  
**LC50:** Not available for mixture  
**Carcinogenicity:** IARC: Not established.  
National Toxicology Program: Not established.  
OSHA: Not established.  
California Prop 65: No listed ingredient.

**Reproduction Toxicity:** Not available

**Teratogenicity:** Not available

**Mutagenicity:** Not available

**Synergistic Products:** Not available

**Irritancy of Product:** See Section 3.

**Sensitization to Product:** Not available

**Glycidyl ethers of bisphenol A resins:**

**Ingestion:** The oral LD50 for rats is 13600 mg/kg.

**Skin:** The dermal LD50 for rabbits is >23500 mg/kg.

**2,4,6-Tris(dimethylaminomethyl) phenol:**

**Ingestion:** The oral LD50 for rats is 1200 mg/kg.

**Skin:** The dermal LD50 for rats is 1280 mg/kg.

### 12. Ecological Information

No data available

### 13. Disposal Considerations

**Waste Disposal Method:** Incinerate in furnace or bury in landfill in accordance with federal, provincial and local regulations.

### 14. Transport Information

**TDG Class:** Not regulated  
**UN Number:** Not applicable

### 15. Regulatory Information

**WHMIS Classification:** D2B

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No Reportable Quantity  
**OSHA Hazard Communication Standard, 29 CFR 1910.1200:** Magnesium silicate hydrate (no asbestos fibers).

**SARA Title III (Superfund Amendments and Reauthorization Act):** This product contains zinc compounds which are subject to the reporting requirements of section 313. They constitute approximately 0.5-1.5% of the putty.

**TSCA (Toxic Substances Control Act):** Ingredients of this product are on the Inventory list.

This product has been classified in accordance with the Canadian Controlled Products Regulations (CPR).

### 16. Other Information

<b>NFPA Hazard Ratings:</b>	<b>Health - 2</b>
<b>none → extreme</b>	<b>Fire - 1</b>
<b>0 → 4</b>	<b>Reactivity - 0</b>
	<b>PPE - A</b>

**Patents:** U.S. 3,708, 379; RE 30,843; 3,837,981  
W. Germany: 2,322,806  
Canada: 993,169  
United Kingdom: 1,452,785  
Japan: 899,724

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**PREPARED BY:** SpillTech, Telephone Number  
(in US): 1-800-228-3877, (Outside US): 1-770-475-3877

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